

Abstract of the Disclosure

A laminate type thin-film solar cell which can convert sunlight efficiently into electric power and be formed in multi-laminate structure without limitation in selecting a semiconductor material, and be excellent in conversion efficiency, and a production method therefor are provided. A first photoelectric conversion unit including a first semiconductor lamination portion (1a) made of a semiconductor having a first band gap energy and a first pair of electrodes (13, 14) is provided on a substrate (4), and a second photoelectric conversion unit including a second semiconductor lamination portion (2a) made of a semiconductor having a second band gap energy and a second pair of electrodes (23, 24) is stuck thereon. A third photoelectric conversion unit including a third semiconductor lamination portion (3a) made of a semiconductor having a third band gap energy and a third pair of electrodes (33, 34) may be stuck thereon, and as many conversion units as desired can be stuck.